

FIG.I

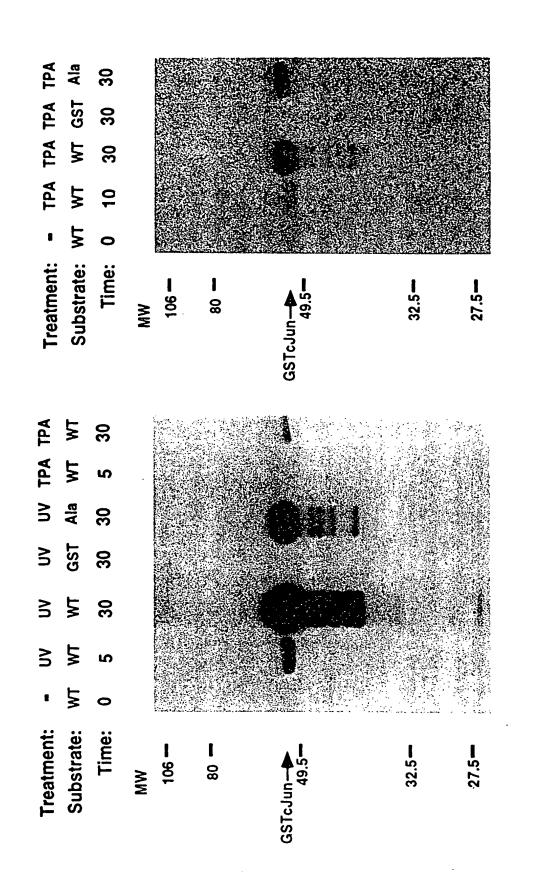


FIG. 2A FIG. 2B

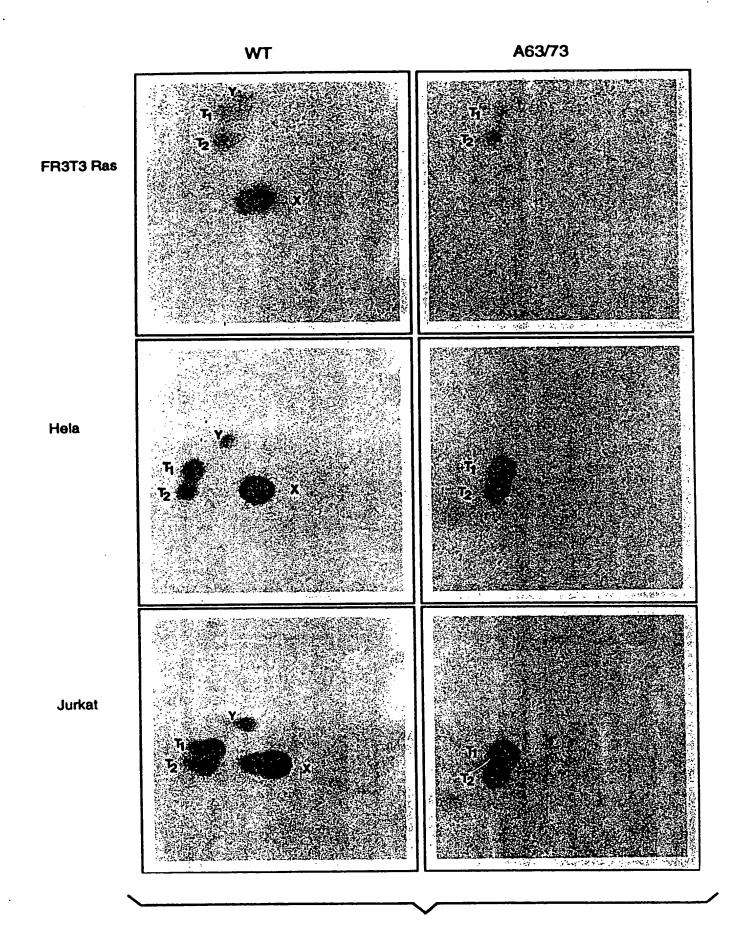


FIG. 3A

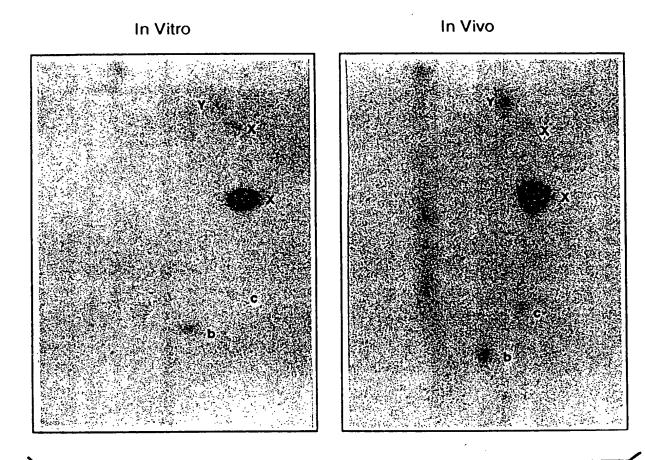
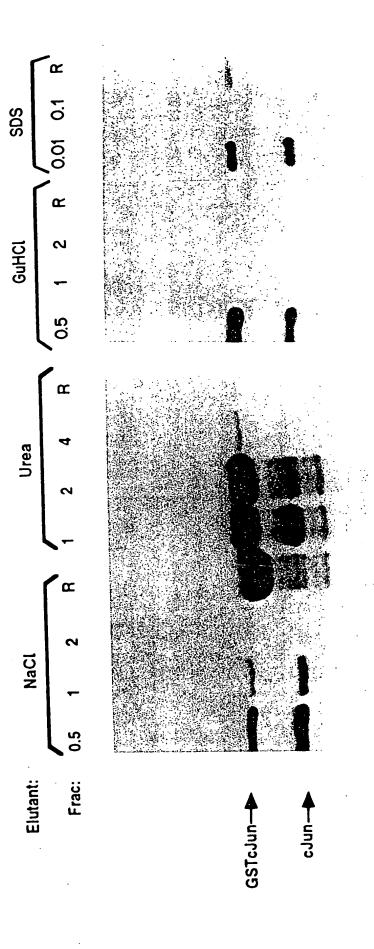


FIG. 3B

4.



F1G. 4A

5

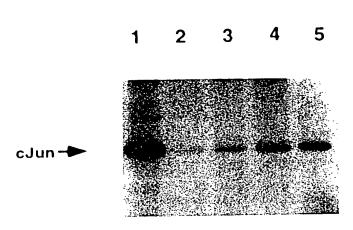
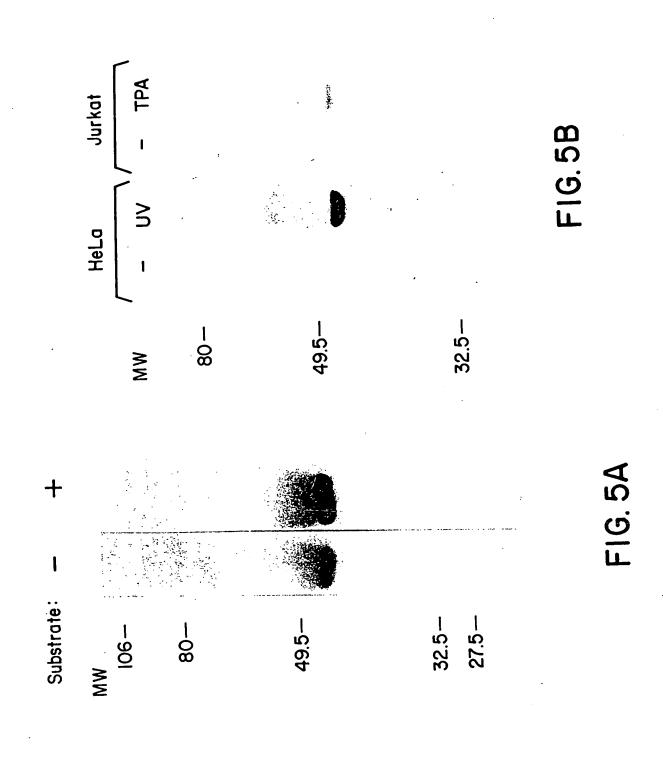


FIG. 4B



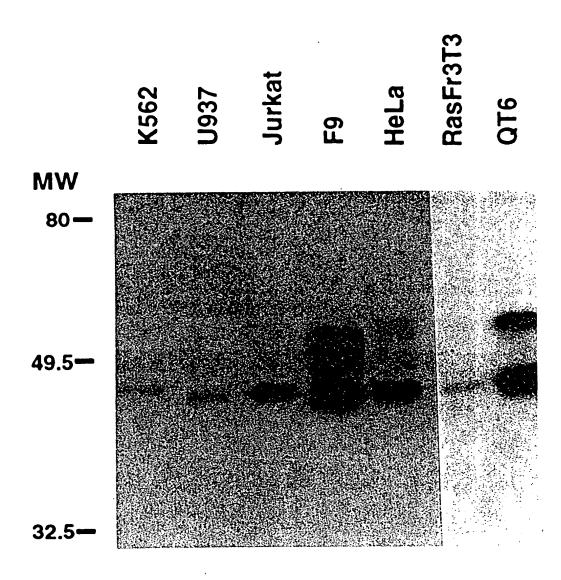
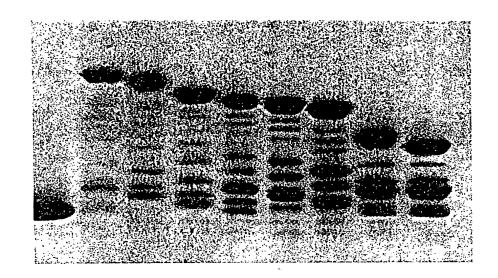


FIG.5C

GSTcJ(1-223)
GSTcJ(11-223)
GSTcJ(22-223)
GSTcJ(43-223)
GSTcJ(56-223)
GSTcJ(1-93)

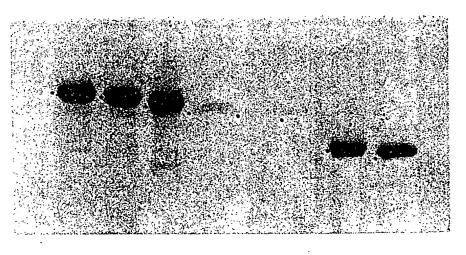
Protein Gel

FIG.6A



32_{P-Immobilized} Substrate

FIG.6B

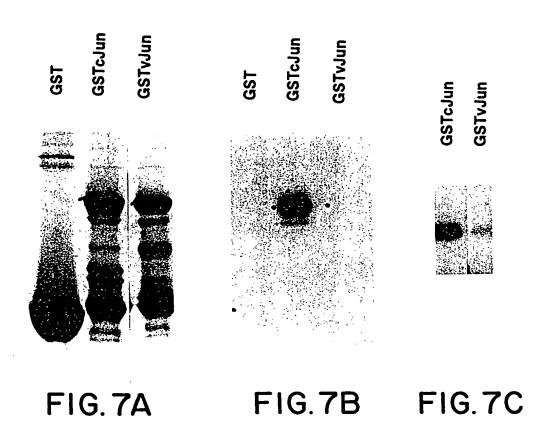


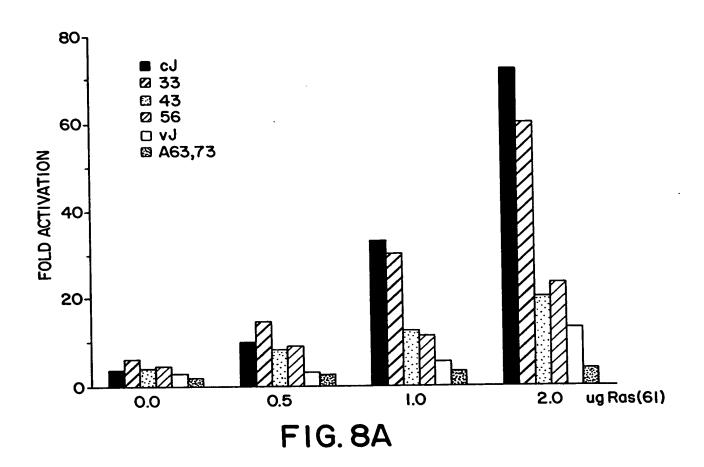
32_{p-Exogenous} Substrate

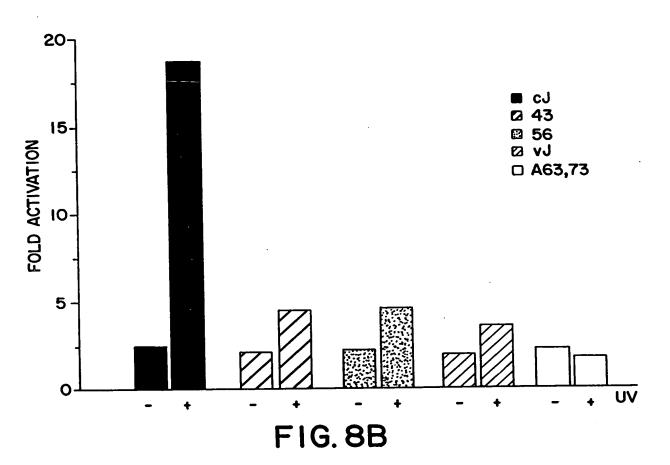
GSTcJ(1-223)
GSTcJ(11-223)
GSTcJ(33-223)
GSTcJ(43-223)
GSTcJ(56-223)
GSTcJ(1-93)

FIG.6C









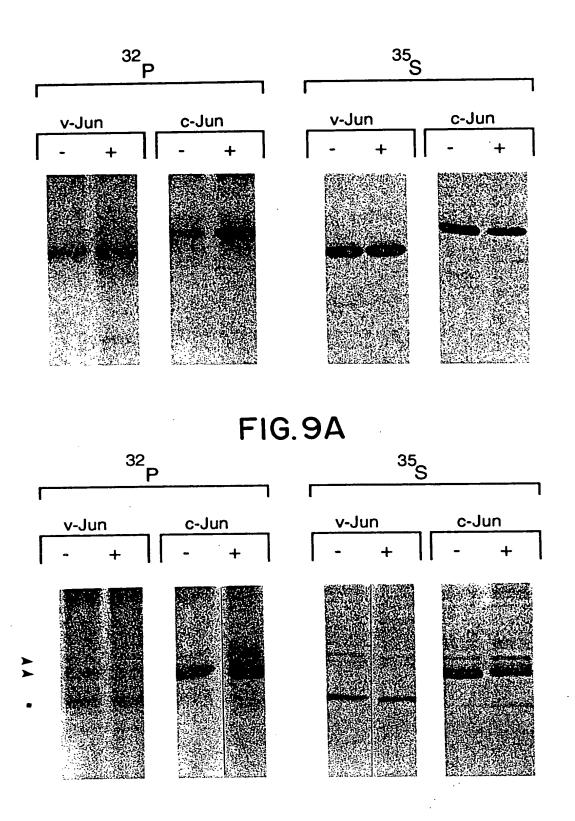


FIG.9B

FIG.10A

609	657	705	753	801	849	897
GTG Val	CAG Gln	CTG	TTC	GTC Val 130	GCG Ala	Ser
GAC Asp 65	ATC Ile	TTC Phe	GGC Gly	AGC	CCC Pro 145	GCC Ala
CCC Pro	ATA Ile 80	CAG Gln	GAG Glu	CCC	GCT Ala	AGC Ser 160
TCG	CTG	ACC Thr 95	GCC Ala	CTG	GTG Val	TTC
ACC	CGC Arg	CCC	TTC Phe 110	ACG Thr	AIG Met	660 61y
CIC	GAG Glu	ACC	666 61y	AAC Asn 125	GGC Gly	660 61y
CTC Leu 60	CTG Leu	CCG	GAG Glu	CAG Gln	GCA Ala 140	AGC Ser
GAC Asp	GAG Glu 75	ACG Thr	CAG Gln	AGC	GGG	GC GGC AG Ser Gly Se 155 FIG. 10B
TCG	CCC	ACC Thr 90	GAG Glu	CAC His	AAC Asn	A; O)
AAC Asn	TCG	ACC	GAT Asp 105	CTG	GTC Val	660 61y
AAG Lys	GCG Ala	ATC Ile	ACA Thr	GAA Glu 120	CCG	666 Gly
GCC Ala 55	CTG Leu	CAC His	GTG Val	GCC Ala	CAG Gln 135	GCA Ala
CGC Arb	AAG Lys 70	666 G1y	AAC Asn	CTG	GCG Ala	GTC Val 150
CTC Leu	CIC	AAC Asn 85	AAG Lys	GCC Ala	GCG Ala	TCG Ser
CAC His	CTG	AGC	GGC Pro 100	CGC	TCG	GCC Ala
CCG	666 61y	TCC	TGC Cys	GTG Val 115	ACG Thr	GTA Val

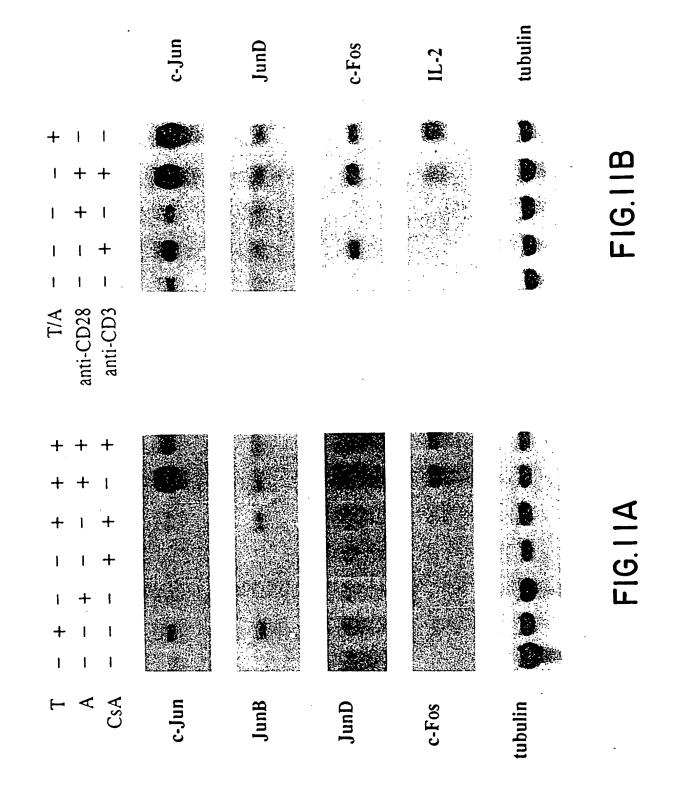
576	666	7 4		1137	1185	1233
CCA Pro	660 61y	CAC His 210	AAG Lys	CTG	AAG Lys	CTG
AAC Asn	GCC Ala	CAC His	CTG Leu 225	CCC	AGG Arg	AAG Lys
TTC	GCG Ala	CCG Pro	GCC Ala	CCG Pro 240	GAG Glu	AGG Arg
AAC Asn 175	GGC Gly	CCG	CAG Gln	ACA Thr	GCG Ala 255	AAA Lys
AGC	TAC Tyr 190	CAG Gln	CTG Leu	GAG Glu	AAG Lys	CGA Arg 270
CIC	TCC	CAG Gln 205	CGG Arg	GGC Gly	AIC	TGC Cys
AAC Asn	CCC	CAG Gln	CCG Pro 220	CCC	CGC	AAG Lys
GCA Ala	GCG Ala	CAG Gln	CAC His	ATG Met 235	GAG Glu	TCG
TAC Tyr 170	666 61y	CAG Gln	CAG Gln	GAG Glu	CAG Gln 250	GCC Ala
GTC	GGC G1y 185	CCC	GTG Val	CCC	Ser	GCT Ala 265
CCG	GGC Gly	CAA Gln 200	CCC	GTG Val	GAG Glu	AIC Ile
CCG	AGC	GCG Ala	ATG Met 215	ATA Ile	ATG Met	CGC
GAG Glu	AGC	CCC	CAG Gln	CAG Gln 230	GAC Asp	AAC Asn
AGC Ser 165	CTG Leu	TTT	CAG Gln	CCT	ATC Ile 245	AGG
CAC His	GCG Ala 180	GCC Ala	CCC	GAG Glu	CCC	ATG Met 260
CTG	660 61y	CTG Leu 195	CTG	GAG Glu	TCC	CGC

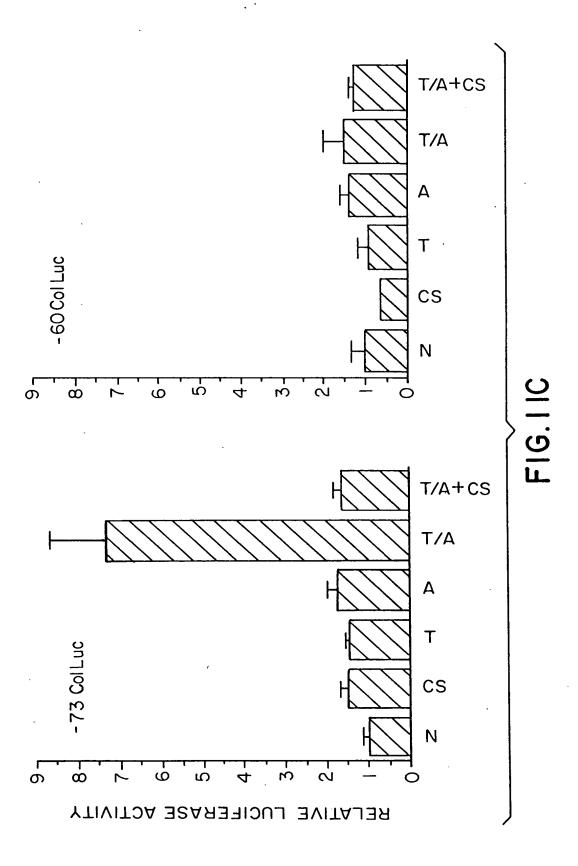
F16.10C

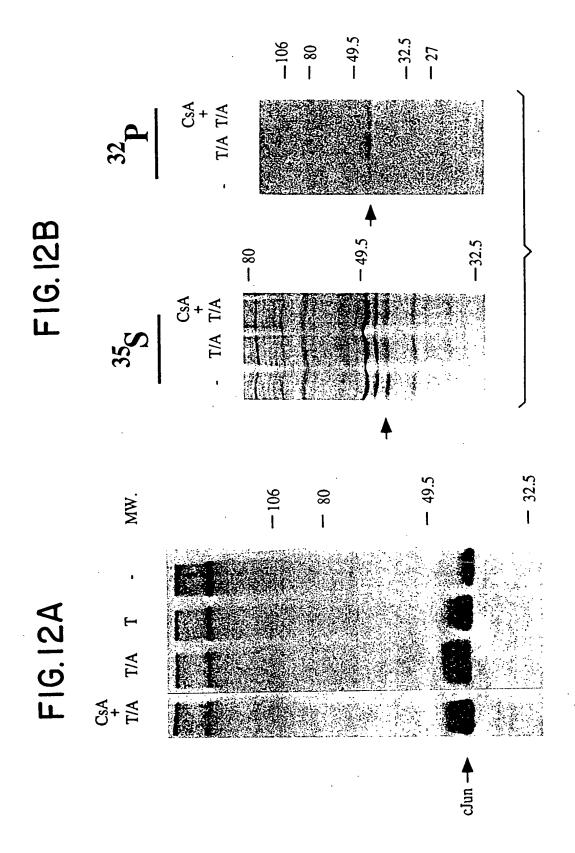
1281	1329	1377	1424	1484	1544	1604	1664	1724
GAG AGA ATC GCC CGG CTG GAG GAA AAA GTG AAA ACC TTG AAA GCT CAG Glu Arg Ile Ala Arg Leu Glu Glu Lys Val Lys Thr Leu Lys Ala Gln 275	AAC TCG GAG CTG GCG TCG ACG GCC AAC ATG CTC AGG GAA CAG GTC GCA Asn Ser Glu Leu Ala Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala 300	CAG CTT AAA CAC AAA GTC ATG AAC CAC GTT AAC AGT GGG TGC CAA CTC Gln Leu Lys His Lys Val Met Asn His Val Asn Ser Gly Cys Gln Leu 310	ATC CTA ACG CAG TTG CAA ACA TTT TGAAGAGA CCGTCGGGGG Ile Leu Thr Gln Leu Gln Thr Phe 325	CTGAGGGGCA ACGAAGAAAA AAAATAACAC AGAGAGACAG ACTTGAGAAC TTGACAAGTT	GCGACGGAGA GAAAAAAAAA GTGTCCGAGA ACTAAAGCCA AGGGTATCCA AGTTGGACTG	GGTTCGGTCT GACGGCGCCC CCAGTGTGCA CGAGTGGGAA CGACCTGGTC GCGCCCTCCC	TIGGCGICGA GCCAGGGAGC GGCCGCCIGG GGGCIGCCCC GCTIIGCGGA CGGGCIGICC	ccccccaac ggaacgttgc actttcgtta acattgacca agaactgcat ggacctaaca FIG.IOD

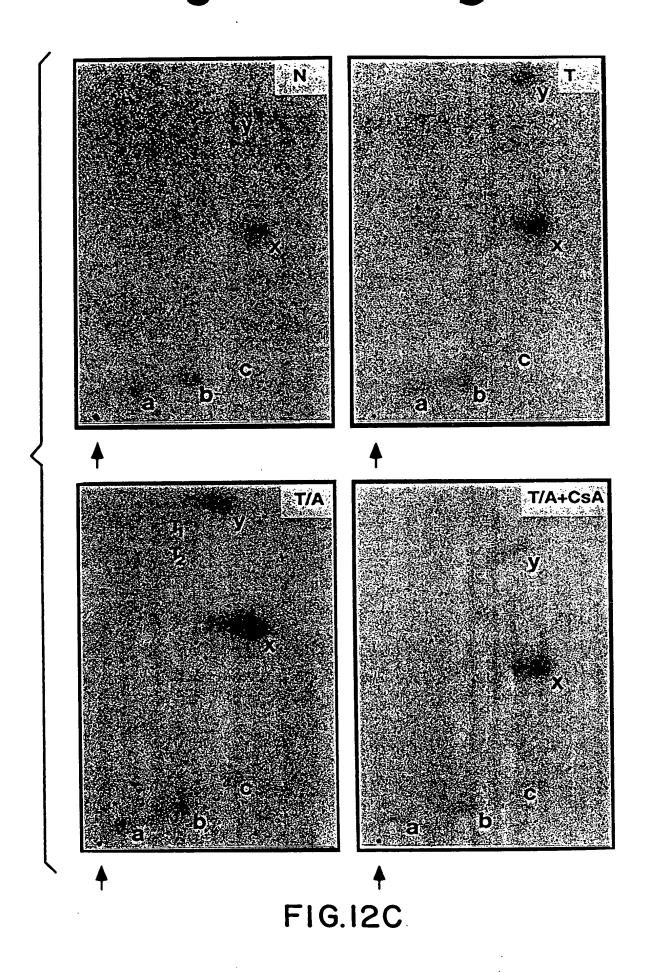
2096					II	TATAATTTTT TT
2084	TAATAAAGTA	TTACCATTTG	AGATITGGAG CACTCTGAGT TTACCAITTG TAATAAAGTA	AGATTTGGAG	CAGTGTTGTT TGTAAATAAG	SAGTGTTGTT
2024	GGATCCTGCC	TGTTTGTTTG	TITGIAAGIT ATITCITGII IGITIGITIG GGAICCIGCC	TTTGTAAGTT	TCAATAAACA GCTTCATGCC	FCAATAAACA
1964	CTGATTACTG	TTGATTAAAG	ACATATATA ATTTTTAAT TTGATTAAAG CTGATTACTG	ACATATATAT	CITICGITAA CIGIGIAIGI	TITICGITAA
1904	TTCTGGCCTG	GATGAACTCT	AGAGCGAGGC TGAGCCTACA GATGAACTCT TTCTGGCCTG	AGAGCGAGGC	CGGCAGGAGG GAGGITIGIG	GGCAGGAGG
1844	TGGGGAGGGG	GGGGGAGGGT	CTCCTTAAGA ACACAAAGCG GGGGGAGGGT TGGGGAGGGG	CTCCTTAAGA	TGTAGATTGC TTCTGTAGTA	GTAGATIGG
1784	CAATAGAGAC	TTACAAACTG	AAGGGGCAG GGGGAGGGG TTACAAACTG CAATAGAGAC	AAGGGGGCAG	TTCGAICTCA TTCAGIATIA	TCGATCTCA

F1G.10E









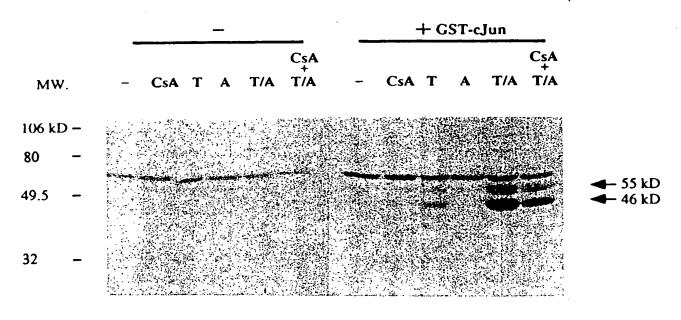
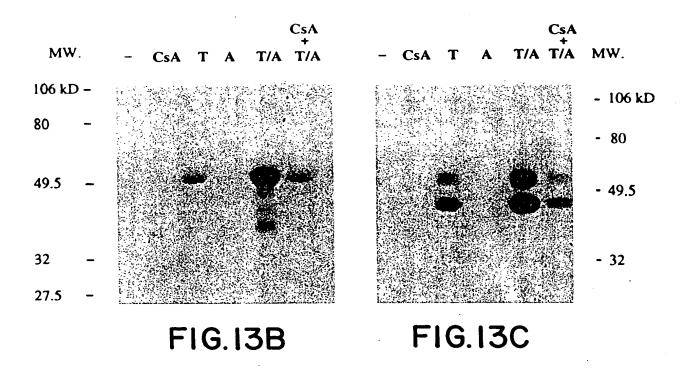
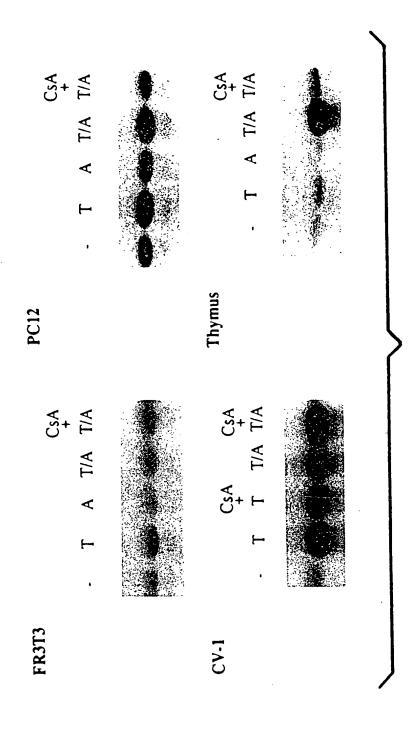
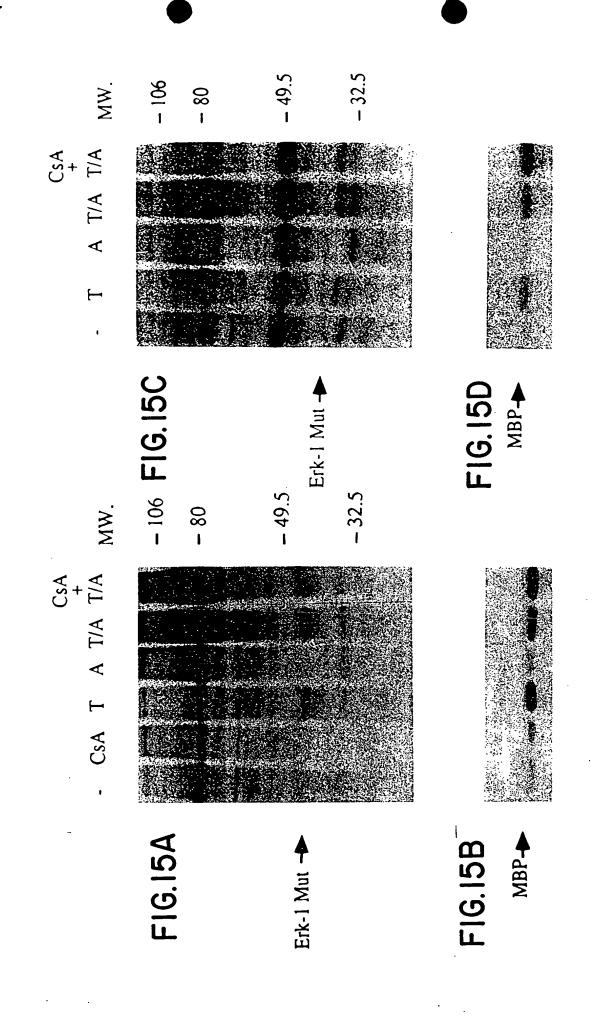


FIG.13A





F16.14



CsA + - - -

FIG. 16B



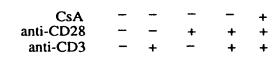








FIG.16C

	1	2	3	4	5	6	7	8	9	10	11
CsA	_	_	_	_	~	_	+	_	+	-	+
anti-CD28	-	-	-	-	+	-	_	· -	_	+	+
anti-CD3	_	-	_	+	-	-		+	+	-	_
Α	_	-	+	_	-	+	+	-	-	-	-
T	_	÷	_	_	_	+	. +	+	+ `	+	+





